

Mission Science Report - 05/06/2013

Submitted by wxwolff on Mon, 05/06/2013 - 17:12

Date:

Monday, May 6, 2013 - 17:15

Discussion:

Radars

NPOL was down a good part of the day to investigate some gear issues with NPOL.

Radar engineers used basket truck to determine that there were parts of the gears that did not have sufficient grease. They carefully lubricated everything and it appears that the problem has been mitigated. Given overnight forecast, have decided to give staff the late night off, so will shut down radar at midnight and re-fire tomorrow morning around 8:30

U. Iowa operated xpol on Saturday, but downloading data still required until the comm issues are worked out.

The blower motor for D3R has been replaced! Maneul et al. are currently working to get the radar back on line.

Disdrometers

All 2DVDs are operating. Some APUs still have problem, but might have fix. MRRs are working. Three of 14 APUs were hanging.

Hydrology

U Iowa has hydro model running. Runs statewide, but forecast now only where they have stream gauges. PhD student from R. Bras will be here in late May to study soil moisture.

Hydro forecast back on after being on 24h for a long time due to recent flooding.
